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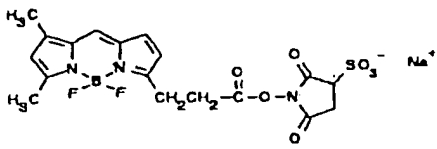
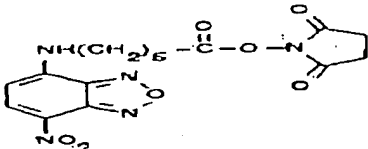
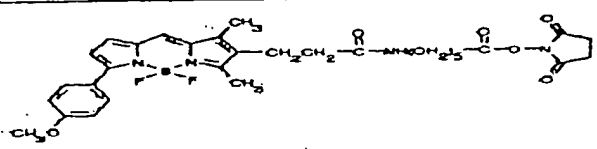
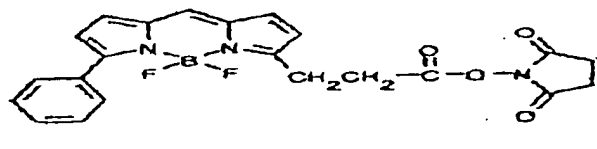
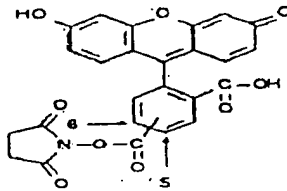
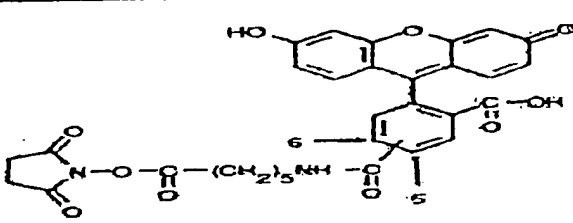
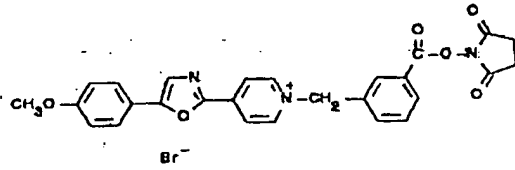
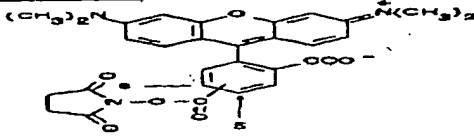
Name and Molecular weight	Formula	Fluorescence Properties
BODIPY-FL, SSE M. WT. 491		Excitation=502 nm Emmision=510 nm Extinction=75,000
NBD M. WT. 391		Excitation=466 nm Emmision=535 nm Extinction=22,000
Bodipy-TMR-X, SE M. WT. 608		Excitation=544 nm Emmision=570 nm Extinction=56,000
Bodipy-R6G M. WT. 437		Excitation=528 nm Emmision=547 nm Extinction=70,000
Fluorescein (FAM) M. WT. 473		Excitation=495 nm Emmision=520 nm Extinction=74,000
Fluorescein (SFX) M. WT. 587		Excitation=494 nm Emmision=520 nm Extinction=73,000
PyMPO M. WT. 582		Excitation=415 nm Emmision=570 nm Extinction=26,000
5/6-TAMRA M. WT. 528		Excitation=546 nm Emmision=576 nm Extinction=95,000

Table 2

Enzyme/Protein	-FluoroTag™ tRNA Translation reaction	+FluoroTag™ tRNA Translation reaction
$\alpha$ -Hemolysin OD <sub>415nm</sub> /μl	0.085	0.083
Luciferase RLU/μl	79052	78842
DHFR $\Delta$ OD <sub>339nm</sub> /μl	0.050	0.064

**Table 3**